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PATENT APPLICATION
Navy Case: 82,942

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Keller et al.

Serial No.: 10/054,970

Filed: 01/25/2002

For: SYNTHESIS OF OLIGOMERIC POLY(SILARYLENE-SILOXANE-ACETYLENE)'S
AND THEIR CONVERSION TO HIGH TEMPERATURE PLASTICS, ELASTOMERS,
AND COATINGS

Examiner: Peng, Kuo Liang

Art Group Unit: 1712

Honorable Commissioner of Patents
Washington, D.C. 20231

June 6, 2003

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

This communication is responsive to the Office Action of 05/20/2003, setting a one month period of reply.

The Office Action required restriction to one of the following groups of claims:

I. Claims 1-6 and 23-34, drawn to a prepolymer and process of making, classified in class 528, subclass 31;

II. Claims 7-12 and 35-38, drawn to a precursor and process of making, classified in class 528, subclass 37;

III. Claims 13-20 and 39-45, drawn to a networked polymer and process of making, classified in class 585, subclass 416; and

IV. Claims 21-22, drawn to a ceramic composition and process of making, classified in class 528, subclass 481;

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Applicants hereby elect group II, claims 7-12 and 35-38. Applicants traverse the restriction requirement on the basis that groups II and III should be classified in the same class and subclass.

The class definition of class 528 states that:

G. Patents that claim merely vulcanizing, curing, or cross-linking or a polymer proper for this area, without the presence of a specified vulcanizing, curing, or cross-linking agent, or the amount of the chemical agent or the vulcanized, cured, or cross-linked product of such a reaction are classified on the basis of the first-appearing reactant in the schedule that has been polymerized in the preparing the polymer. (Manual of Classification, class 528, section II.)

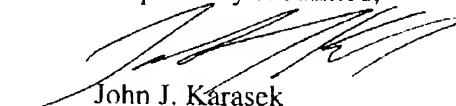
The disclosed process of making the networked polymer of group III is by heating the precursor of group II, which cross-links the precursor (paragraph 0055). The use of a chemical agent is not disclosed. This is the situation described in paragraph G above. Thus the networked polymer should be classified in the same class and subclass as the precursor. Applicants contend that the search and examination of both groups can be done without undue burden.

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Respectfully submitted,


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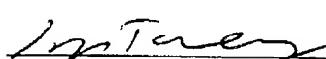
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CERTIFICATION OF FACSIMILE TRANSMISSION

I certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

6/6/03

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Joseph T. Grunkemeyer



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Cover Sheet + 3 Pages

Message:

RE: Serial No.: 10/054,970

Filed: 01/25/2002

Inventor: Keller et al

Docket No.: 82,942

Response to Restriction Requirement – 3 pages

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